

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	20	("5049863" "5231380" "5473344" "5790100" "5793355" "5864334" "5886686" "5958023" "6031518").PN. OR ("6369798").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 14:06
L23	21	("5021771" "5374588" "5469194" "5504500" "5543588" "5546334" "5600313" "5694123" "5726684" "5734377" "D376356" "D379179" "D389129").PN. OR ("5982358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:14
L24	15	("20040160735" "5049863" "5951312" "6166722" "6369798" "6392634" "6392871" "6396481" "6489932" "6538880" "6628267" "6670950" "6894894" "7054965" "7266774").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:19
L25	11793	(361/679.\$).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 16:21
L26	41	L25 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:21

L27	34	("20020163777" "20040017358" "20040123001" "20040145565" "20050001819" "20060022943" "20060023410" "20060023415" "20060082553" "20060087494" "20060176277" "5126955" "5428355" "5490039" "5689654" "5726684" "5999799" "6035350" "6166722" "6205021" "6219037" "6290136" "6304249" "6424335" "6476795" "6590563" "6633155" "6665741" "6690352" "6784870" "6882334" "6940487" "6970156" "7050291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L28	28	("4754268" "5231380" "5428368" "5546334" "5654740" "5726684" "5793355" "5793359" "5877745" "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L29	51	("5049863" "5063289" "5126955" "5231381" "5252968" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5557440" "5563630" "5572033" "5574479" "5576733" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5754126" "5764224" "5771038"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

		"5854621" "5914703" "5943625" "5952996" "6107992" "6163326").PN. OR ("6424335").URPN.				
L30	36	("5126955").URPN.	USPAT	OR	ON	2009/04/06 16:21
L31	17388	(345/156-178).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 16:21
L32	121	L31 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:21
L33	43	("5049863" "5063289" "5126955" "5231381" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5563630" "5572033" "5574479" "5576733" "5631669" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5731801" "5754126" "5764224" "5771038" "5781177" "5781405" "5790100" "5854621" "5914703" "5943625" "5952996" "6107992" "6111563" "6163326" "6205021" "6344846" "6424335" "6674424").PN. OR ("7298359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

L34	51	("5049863" "5063289" "5126955" "5231381" "5252968" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5557440" "5563630" "5572033" "5574479" "5576733" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5754126" "5764224" "5771038" "5854621" "5914703" "5943625" "5952996" "6107992" "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L35	28	("4754268" "5231380" "5428368" "5546334" "5654740" "5726684" "5793355" "5793359" "5877745" "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L36	57	("2783109" "3859930" "4052944" "4765583" "4852498" "5021771" "5029260" "5049863" "5054736" "5073050" "5081936" "5187644" "5263423" "5281958" "5355811" "5397189" "5416498" "5416730" "5423227" "5428355" "5466078" "5502460" "5504500" "5519569" "5527116" "5541593" "5564844" "5583744" "5644338" "5645277" "5648772" "5659307" "5662422"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

		"5692815" "5726683" "5732910" "5743666" "5818690" "5825612" "5862933" "5871094" "5886686" "5893540" "5957595" "D356558").PN. OR ("6147673").URPN.				
L37	13	("4562347" "4786892" "5063289" "5281958" "5428368" "5473344" "5504500" "5726684").PN. OR ("6040820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L38	190	(L37 L36 L35 L34 L33 L30 L29 L28 L27) not (L26 L32)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L39	11793	(361/679.\$).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 16:21
L40	41	L39 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:21
L41	34	("20020163777" "20040017358" "20040123001" "20040145565" "20050001819" "20060022943" "20060023410" "20060023415" "20060082553" "20060087494" "20060176277" "5126955" "5428355" "5490039" "5689654" "5726684" "5999799" "6035350" "6166722" "6205021" "6219037" "6290136" "6304249" "6424335" "6476795" "6590563" "6633155" "6665741"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

		"6690352" "6784870" "6882334" "6940487" "6970156" "7050291").PN.				
L42	28	("4754268" "5231380" "5428368" "5546334" "5654740" "5726684" "5793355" "5793359" "5877745" "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L43	51	("5049863" "5063289" "5126955" "5231381" "5252968" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5557440" "5563630" "5572033" "5574479" "5576733" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5754126" "5764224" "5771038" "5854621" "5914703" "5943625" "5952996" "6107992" "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L44	36	("5126955").URPN.	USPAT	OR	ON	2009/04/06 16:21
L45	17388	(345/156-178).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 16:21
L46	121	L45 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:21

L47	43	("5049863" "5063289" "5126955" "5231381" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5563630" "5572033" "5574479" "5576733" "5631669" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5731801" "5754126" "5764224" "5771038" "5781177" "5781405" "5790100" "5854621" "5914703" "5943625" "5952996" "6107992" "6111563" "6163326" "6205021" "6344846" "6424335" "6674424").PN. OR ("7298359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L48	51	("5049863" "5063289" "5126955" "5231381" "5252968" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5557440" "5563630" "5572033" "5574479" "5576733" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5754126" "5764224" "5771038" "5854621" "5914703" "5943625" "5952996" "6107992" "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

L49	28	("4754268" "5231380" "5428368" "5546334" "5654740" "5726684" "5793355" "5793359" "5877745" "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L50	57	("2783109" "3859930" "4052944" "4765583" "4852498" "5021771" "5029260" "5049863" "5054736" "5073050" "5081936" "5187644" "5263423" "5281958" "5355811" "5397189" "5416498" "5416730" "5423227" "5428355" "5466078" "5502460" "5504500" "5519569" "5527116" "5541593" "5564844" "5583744" "5644338" "5645277" "5648772" "5659307" "5662422" "5692815" "5726683" "5732910" "5743666" "5818690" "5825612" "5862933" "5871094" "5886686" "5893540" "5957595" "D356558").PN. OR ("6147673").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L51	13	("4562347" "4786892" "5063289" "5281958" "5428368" "5473344" "5504500" "5726684").PN. OR ("6040820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L52	190	(L51 L50 L49 L48 L47 L44 L43 L42 L41) not (L40 L46)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

L53	39	("5049863" "5126955" "5235328" "5287246" "5341421" "5396400" "5426564" "5428355" "5490039" "5546310" "5546334" "5550561" "5563630" "5563631" "5579496" "5637018" "5675360" "5708562" "5708840" "5719799" "5745345" "5793355" "5805118" "5825614" "5914706" "5920306" "5948047").PN. OR ("6166722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L54	44	("5021771" "5231380" "5287246" "5341154" "5428355" "5473347" "5490039" "5546334" "5600580" "5615083" "5671833" "5687058" "5706167" "5786806" "5790100" "5793355" "5886686" "5995025").PN. OR ("6163326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L55	31	("5049863" "5184314" "5307297" "5341167" "5428663" "5459489" "5495358" "5563630" "5574804" "5726684" "5771441" "5812085" "5812115" "5880745").PN. OR ("6035350").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L56	18	("5019809" "5049863" "5075792" "5095303" "5323203" "5347646" "5383043" "5414761" "5541414" "5563631").PN. OR ("5914703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

L57	40	("5021771" "5049863" "5126723" "5301132" "5416479" "5416498" "5428355" "5528523" "5546334" "5594617").PN. OR ("5886686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L58	50	("4736191" "4913387" "5049863" "5168427" "5187468" "5268675" "5287245" "5355357").PN. OR ("5546334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L59	132	(L53 L54 L55 L56 L57 L58) not (L52 L40 L46)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L60	15	("20040160735" "5049863" "5951312" "6166722" "6369798" "6392634" "6392871" "6396481" "6489932" "6538880" "6628267" "6670950" "6894894" "7054965" "7266774").PN. OR ("7486279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
L61	32	(L22 L23 L24 L60) not (L26 L32 L38 L40 L46 L52 L59)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S1	0	(361/680,681).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:14
S2	514	(361/679.41).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:19
S3	11793	(361/679.\$).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:19
S4	5191	S3 and (keyboard laptop (portable near2 computer) and ((remov \$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:21

S5	5166	S3 and (keyboard laptop (portable near2 computer) same ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:22
S6	2176	S3 and (laptop (portable near2 computer) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:23
S8	1922	S3 and (laptop (portable near2 computer) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:24
S9	28	S3 and ((laptop (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:33
S10	41	S3 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:34

S11	34	("20020163777" "20040017358" "20040123001" "20040145565" "20050001819" "20060022943" "20060023410" "20060023415" "20060082553" "20060087494" "20060176277" "5126955" "5428355" "5490039" "5689654" "5726684" "5999799" "6035350" "6166722" "6205021" "6219037" "6290136" "6304249" "6424335" "6476795" "6590563" "6633155" "6665741" "6690352" "6784870" "6882334" "6940487" "6970156" "7050291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 10:38
S12	28	("4754268" "5231380" "5428368" "5546334" "5654740" "5726684" "5793355" "5793359" "5877745" "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 10:43
S13	51	("5049863" "5063289" "5126955" "5231381" "5252968" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5557440" "5563630" "5572033" "5574479" "5576733" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5754126" "5764224" "5771038"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 10:43

		"5854621" "5914703" "5943625" "5952996" "6107992" "6163326").PN. OR ("6424335").URPN.				
S14	36	("5126955").URPN.	USPAT	OR	ON	2009/04/02 10:45
S15	17388	(345/156-178).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:47
S16	121	S15 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:47
S17	113	S16 not S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:47
S18	43	("5049863" "5063289" "5126955" "5231381" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5563630" "5572033" "5574479" "5576733" "5631669" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5731801" "5754126" "5764224" "5771038" "5781177" "5781405" "5790100" "5854621" "5914703" "5943625" "5952996" "6107992" "6111563" "6163326" "6205021" "6344846" "6424335" "6674424").PN. OR ("7298359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:15

S19	51	("5049863" "5063289" "5126955" "5231381" "5252968" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5557440" "5563630" "5572033" "5574479" "5576733" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5754126" "5764224" "5771038" "5854621" "5914703" "5943625" "5952996" "6107992" "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:19
S20	28	("4754268" "5231380" "5428368" "5546334" "5654740" "5726684" "5793355" "5793359" "5877745" "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:19
S21	57	("2783109" "3859930" "4052944" "4765583" "4852498" "5021771" "5029260" "5049863" "5054736" "5073050" "5081936" "5187644" "5263423" "5281958" "5355811" "5397189" "5416498" "5416730" "5423227" "5428355" "5466078" "5502460" "5504500" "5519569" "5527116" "5541593" "5564844" "5583744" "5644338" "5645277" "5648772" "5659307" "5662422"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:20

		"5692815" "5726683" "5732910" "5743666" "5818690" "5825612" "5862933" "5871094" "5886686" "5893540" "5957595" "D356558").PN. OR ("6147673").URPN.				
S22	13	("4562347" "4786892" "5063289" "5281958" "5428368" "5473344" "5504500" "5726684").PN. OR ("6040820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:21
S23	190	(S22 S21 S20 S19 S18 S14 S13 S12 S11) not (S10 S16)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:23
S24	39	("5049863" "5126955" "5235328" "5287246" "5341421" "5396400" "5426564" "5428355" "5490039" "5546310" "5546334" "5550561" "5563630" "5563631" "5579496" "5637018" "5675360" "5708562" "5708840" "5719799" "5745345" "5793355" "5805118" "5825614" "5914706" "5920306" "5948047").PN. OR ("6166722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:27
S25	44	("5021771" "5231380" "5287246" "5341154" "5428355" "5473347" "5490039" "5546334" "5600580" "5615083" "5671833" "5687058" "5706167" "5786806" "5790100" "5793355" "5886686" "5995025").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:28

		("6163326").URPN.				
S26	31	("5049863" "5184314" "5307297" "5341167" "5428663" "5459489" "5495358" "5563630" "5574804" "5726684" "5771441" "5812085" "5812115" "5880745").PN. OR ("6035350").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:29
S27	18	("5019809" "5049863" "5075792" "5095303" "5323203" "5347646" "5383043" "5414761" "5541414" "5563631").PN. OR ("5914703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:33
S28	40	("5021771" "5049863" "5126723" "5301132" "5416479" "5416498" "5428355" "5528523" "5546334" "5594617").PN. OR ("5886686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:33
S29	50	("4736191" "4913387" "5049863" "5168427" "5187468" "5268675" "5287245" "5355357").PN. OR ("5546334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:45
S30	11793	(361/679.\$).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 08:35
S31	41	S30 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:35

S32	34	("20020163777" "20040017358" "20040123001" "20040145565" "20050001819" "20060022943" "20060023410" "20060023415" "20060082553" "20060087494" "20060176277" "5126955" "5428355" "5490039" "5689654" "5726684" "5999799" "6035350" "6166722" "6205021" "6219037" "6290136" "6304249" "6424335" "6476795" "6590563" "6633155" "6665741" "6690352" "6784870" "6882334" "6940487" "6970156" "7050291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S33	28	("4754268" "5231380" "5428368" "5546334" "5654740" "5726684" "5793355" "5793359" "5877745" "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S34	51	("5049863" "5063289" "5126955" "5231381" "5252968" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5557440" "5563630" "5572033" "5574479" "5576733" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5754126" "5764224" "5771038"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35

		"5854621" "5914703" "5943625" "5952996" "6107992" "6163326").PN. OR ("6424335").URPN.				
S35	36	("5126955").URPN.	USPAT	OR	ON	2009/04/06 08:35
S36	17388	(345/156-178).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 08:35
S37	121	S36 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:35
S38	43	("5049863" "5063289" "5126955" "5231381" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5563630" "5572033" "5574479" "5576733" "5631669" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5731801" "5754126" "5764224" "5771038" "5781177" "5781405" "5790100" "5854621" "5914703" "5943625" "5952996" "6107992" "6111563" "6163326" "6205021" "6344846" "6424335" "6674424").PN. OR ("7298359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35

S39	51	("5049863" "5063289" "5126955" "5231381" "5252968" "5307297" "5327161" "5416909" "5428368" "5457479" "5459489" "5481265" "5490039" "5546334" "5557440" "5563630" "5572033" "5574479" "5576733" "5648798" "5659335" "5669004" "5669015" "5707160" "5726684" "5754126" "5764224" "5771038" "5854621" "5914703" "5943625" "5952996" "6107992" "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S40	28	("4754268" "5231380" "5428368" "5546334" "5654740" "5726684" "5793355" "5793359" "5877745" "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S41	57	("2783109" "3859930" "4052944" "4765583" "4852498" "5021771" "5029260" "5049863" "5054736" "5073050" "5081936" "5187644" "5263423" "5281958" "5355811" "5397189" "5416498" "5416730" "5423227" "5428355" "5466078" "5502460" "5504500" "5519569" "5527116" "5541593" "5564844" "5583744" "5644338" "5645277" "5648772" "5659307" "5662422"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35

		"5692815" "5726683" "5732910" "5743666" "5818690" "5825612" "5862933" "5871094" "5886686" "5893540" "5957595" "D356558").PN. OR ("6147673").URPN.				
S42	13	("4562347" "4786892" "5063289" "5281958" "5428368" "5473344" "5504500" "5726684").PN. OR ("6040820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S43	190	(S42 S41 S40 S39 S38 S35 S34 S33 S32) not (S31 S37)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S44	39	("5049863" "5126955" "5235328" "5287246" "5341421" "5396400" "5426564" "5428355" "5490039" "5546310" "5546334" "5550561" "5563630" "5563631" "5579496" "5637018" "5675360" "5708562" "5708840" "5719799" "5745345" "5793355" "5805118" "5825614" "5914706" "5920306" "5948047").PN. OR ("6166722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S45	44	("5021771" "5231380" "5287246" "5341154" "5428355" "5473347" "5490039" "5546334" "5600580" "5615083" "5671833" "5687058" "5706167" "5786806" "5790100" "5793355" "5886686" "5995025").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35

		("6163326").URPN.				
S46	31	("5049863" "5184314" "5307297" "5341167" "5428663" "5459489" "5495358" "5563630" "5574804" "5726684" "5771441" "5812085" "5812115" "5880745").PN. OR ("6035350").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S47	18	("5019809" "5049863" "5075792" "5095303" "5323203" "5347646" "5383043" "5414761" "5541414" "5563631").PN. OR ("5914703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S48	40	("5021771" "5049863" "5126723" "5301132" "5416479" "5416498" "5428355" "5528523" "5546334" "5594617").PN. OR ("5886686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S49	50	("4736191" "4913387" "5049863" "5168427" "5187468" "5268675" "5287245" "5355357").PN. OR ("5546334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S50	132	(S44 S45 S46 S47 S48 S49) not (S43 S31 S37)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S51	15	("20040160735" "5049863" "5951312" "6166722" "6369798" "6392634" "6392871" "6396481" "6489932" "6538880" "6628267" "6670950" "6894894" "7054965" "7266774").PN. OR ("7486279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:57

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